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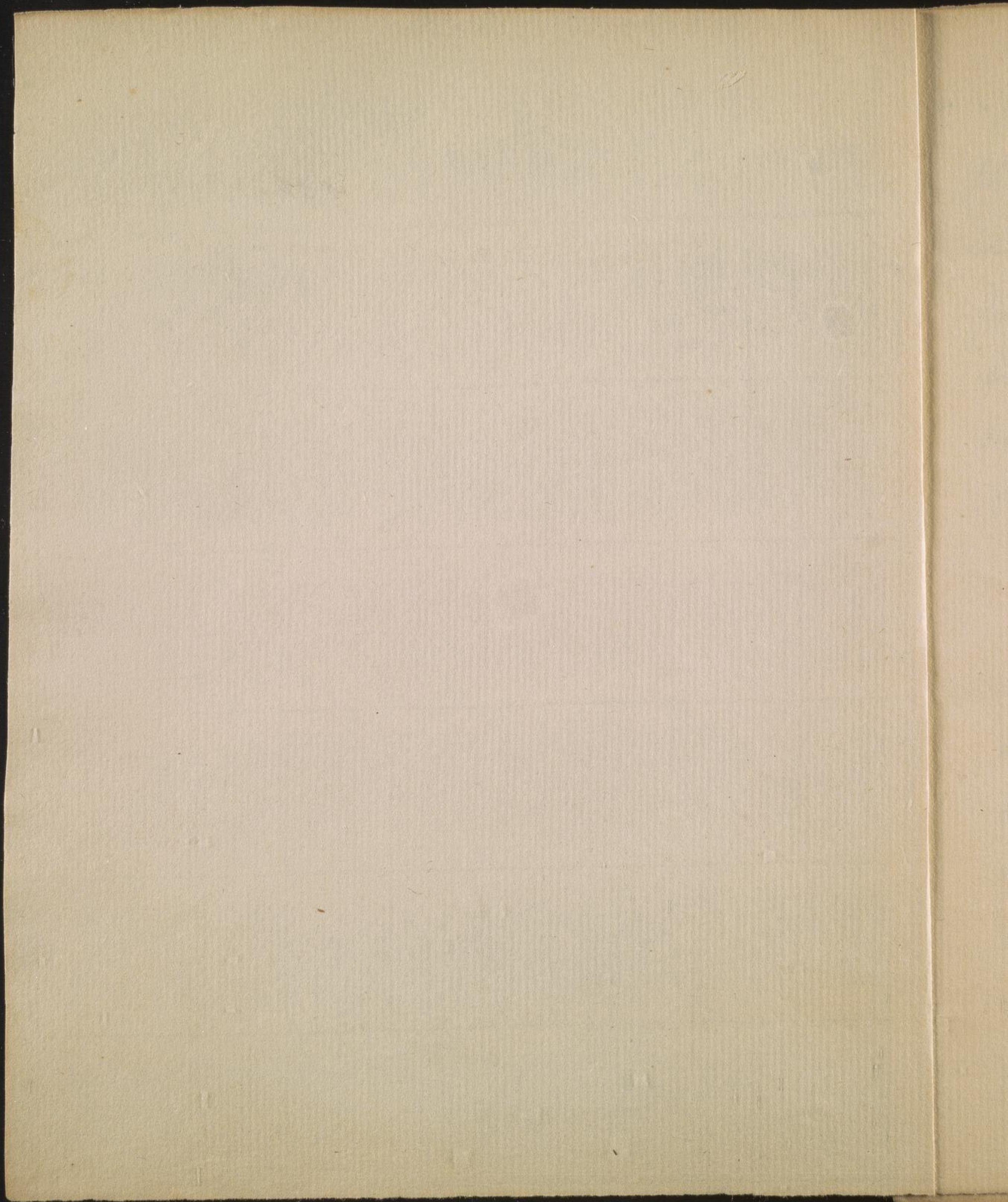
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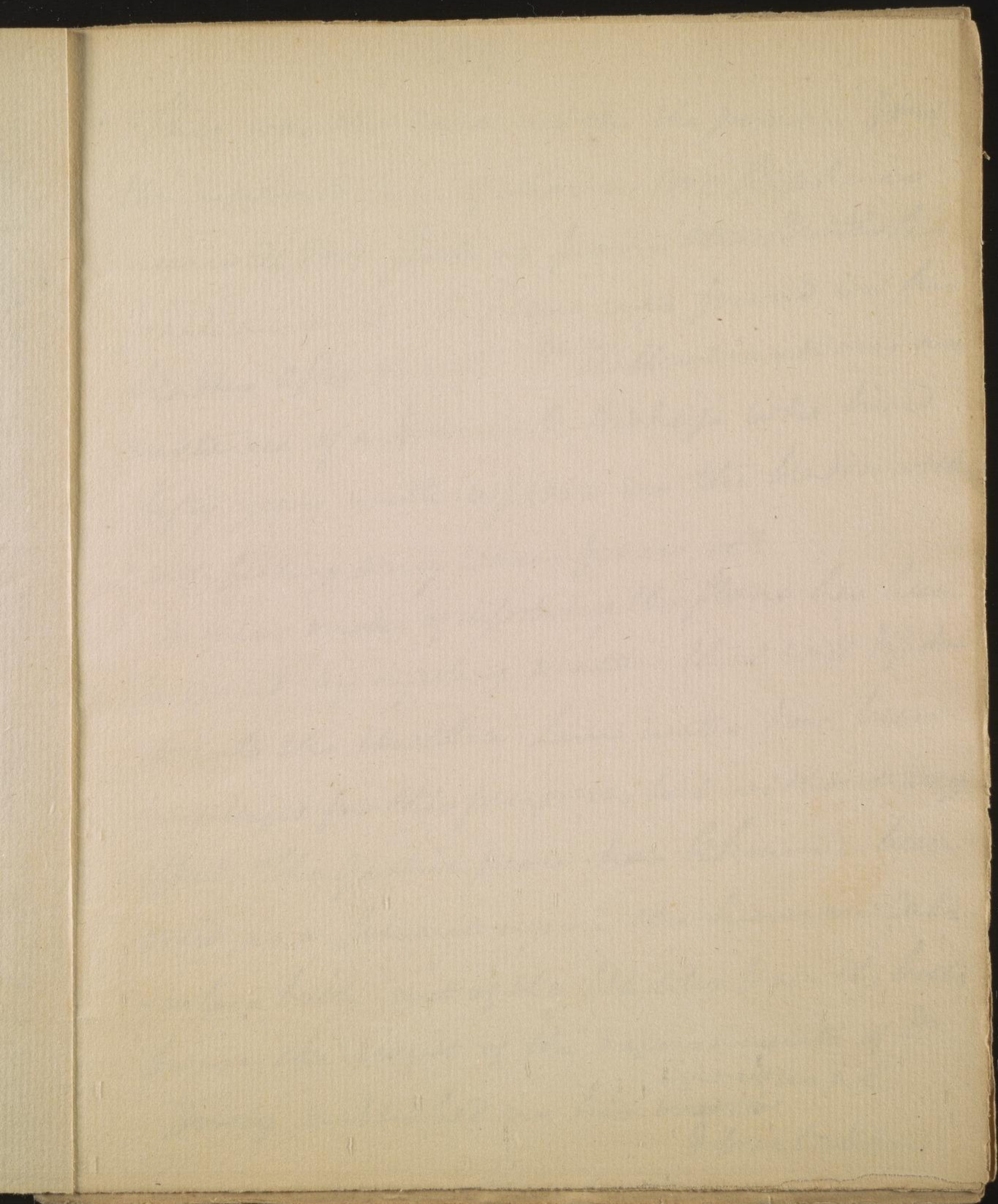
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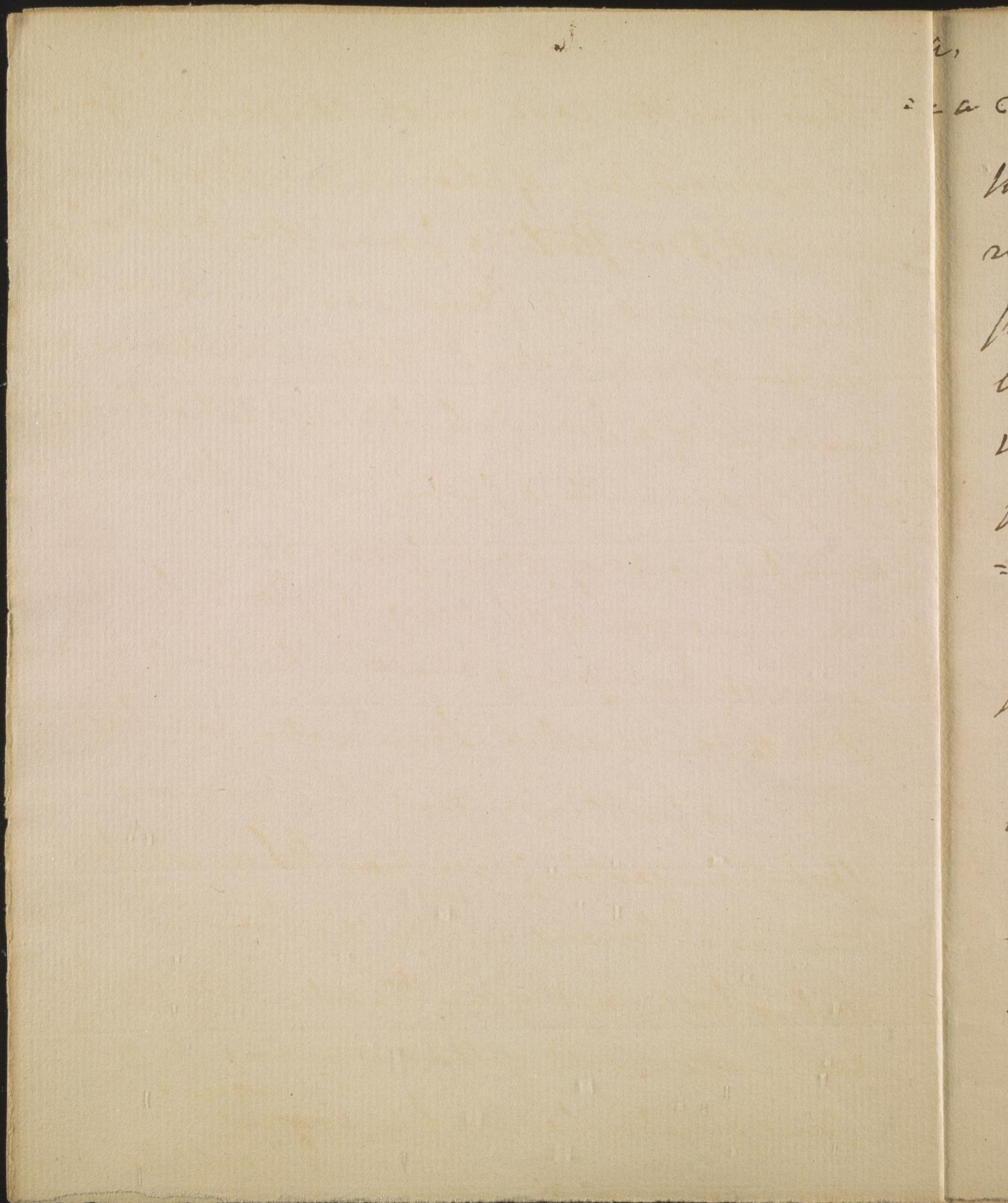
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Diseases & Disorders of the
Urinary Organs continued.

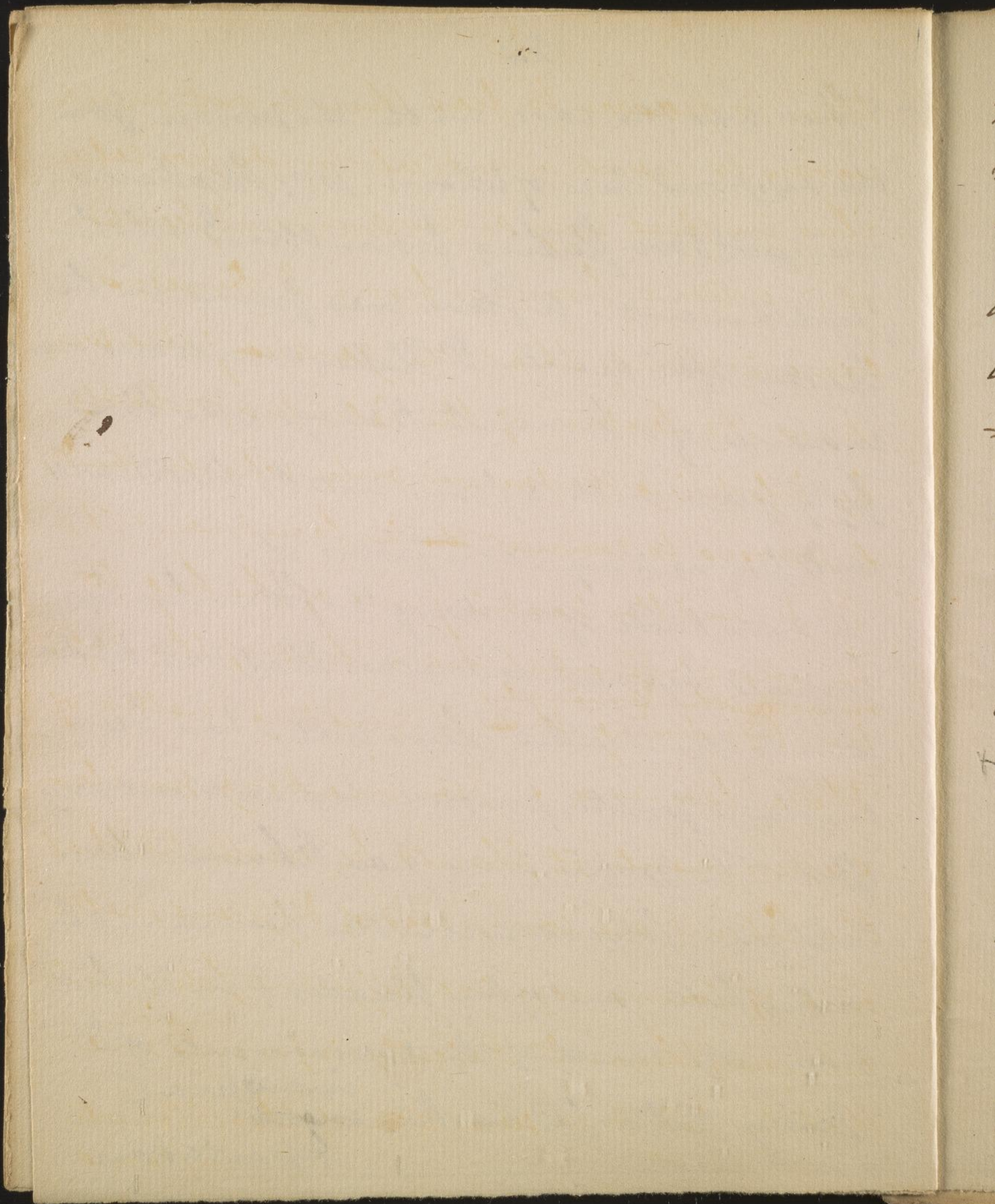




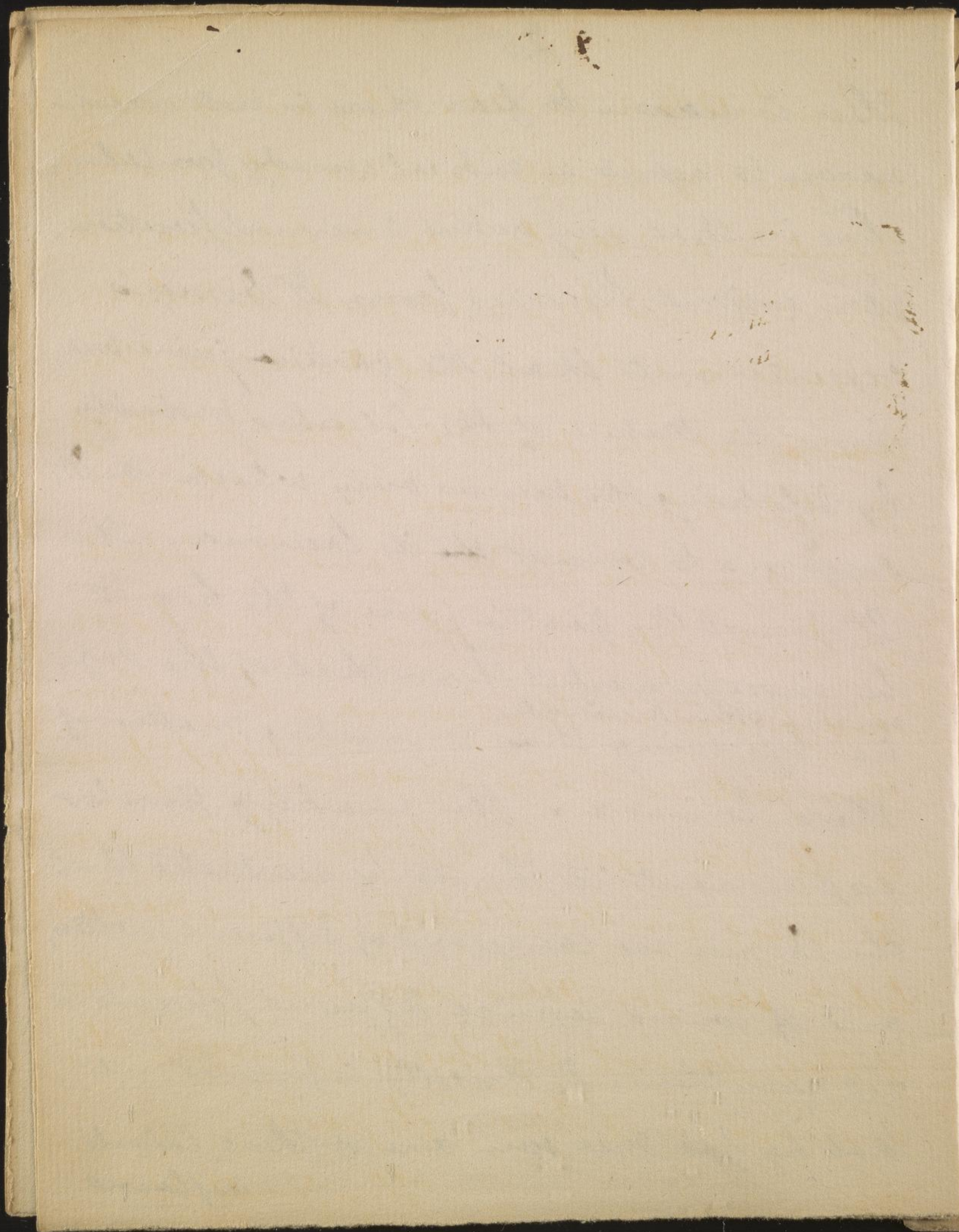


This was the case with the person for
 the supposed cure of whom; Mr. Stephens
 received 5000 sterling from the British
 Parliament. A stone was found in his
 bladder after death. Dr. Haller mentions an
 instance of a Spanish Bishop who lived
 fifty years with a stone in the bladder with-
 out feeling any pain from it.

A new mode of dissolving the stone has been
 proposed by injecting matters that will dissolve
 it into the Urethra. Lime water has been
 employed for this purpose, but without any
 effect. The Gastric juice has likewise been
 tried as a solvent upon the human Cal-
 culus both out of the bladder & in it, but
 from the result of the experiments of Dr.
 Dooley published in his ^{inorganic} ~~organic~~
 Dissertation



there is reason to fear there is not much
 reason to expect a radical remedy for Calcu-
 lus in that very active animal secretion.
 It is evident however from Dr Doxey's
 experiments that the gastric juice wea-
 -kens the texture of the Calculus probably
 by dissolving the mucus only which the Dr.
 supposes to connect ~~the~~ its lamina. The
 Dr found the gastric juice of the hog to
 be more powerful than that of the dog,
 or any other animal,
 in dissolving this connecting matter of
 these lamina. In making similar
 experiments it should be recollected that
 the Calculi are composed of different matters,
 and of course require different solvents to
 act upon them. Dr Priestly informed me
 that he had once seen one of these Calculi
 inflamed



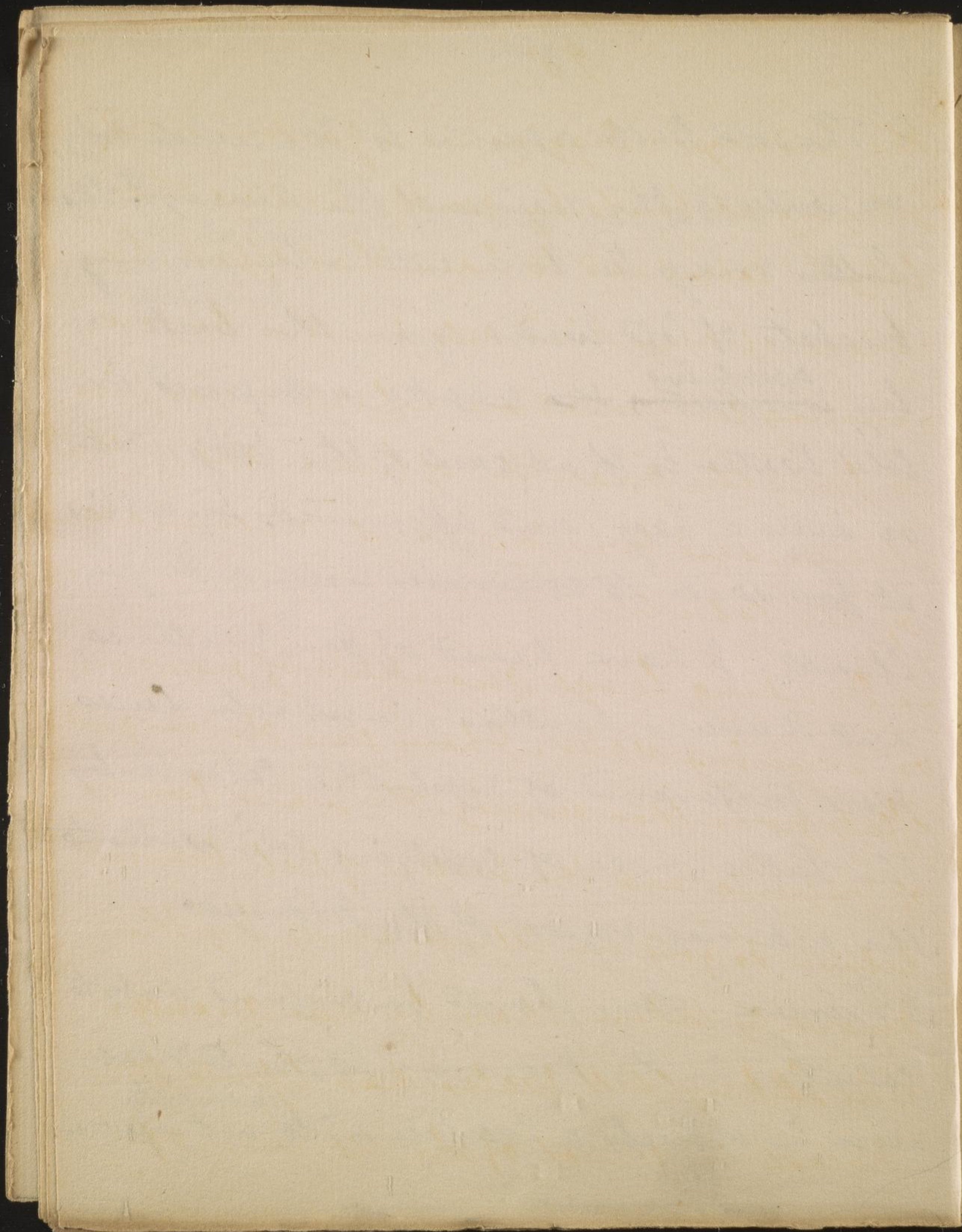
when held to a candle. They are usually composed of fusible Calculus, the concretionary Calculus, and the bone earth Calculus; all of which yield different products when subjected to a Chemical Analysis. The ~~urinary~~ Calculi found in other parts of the body differ likewise from those found in the bladder, and the Calculi of brutes differ in their products from those found in the human body. From these facts and the unsuccesfull issue of all attempts to dissolve the human Calculus in the bladder, we are naturally led to seek for other remedies - which if they do not dissolve it, prevent its increase, and lessen its pain.

These should be

✓ when the Culicids are hatched in
them.

2 The Cold Bath applied to the whole body, or only to the region of the kidneys; the latter may be done either by pouring buckets of cold water upon the back, or by ~~washing~~ ^{applying} the crapeskins dipped in cold water to that part of the body, once or twice a day, and afterwards by rubbing it for 10, or 15 minutes with a dry cloth. I have heard of one instance, and know another, in which cures were performed of nephritic Calculi by the latter mode of applying cold water to the external region of the kidneys.

3 Exercise. This should be confined only to Calculus in the kidneys. It should more-
-over be of such a nature as to act ^{indirectly} upon

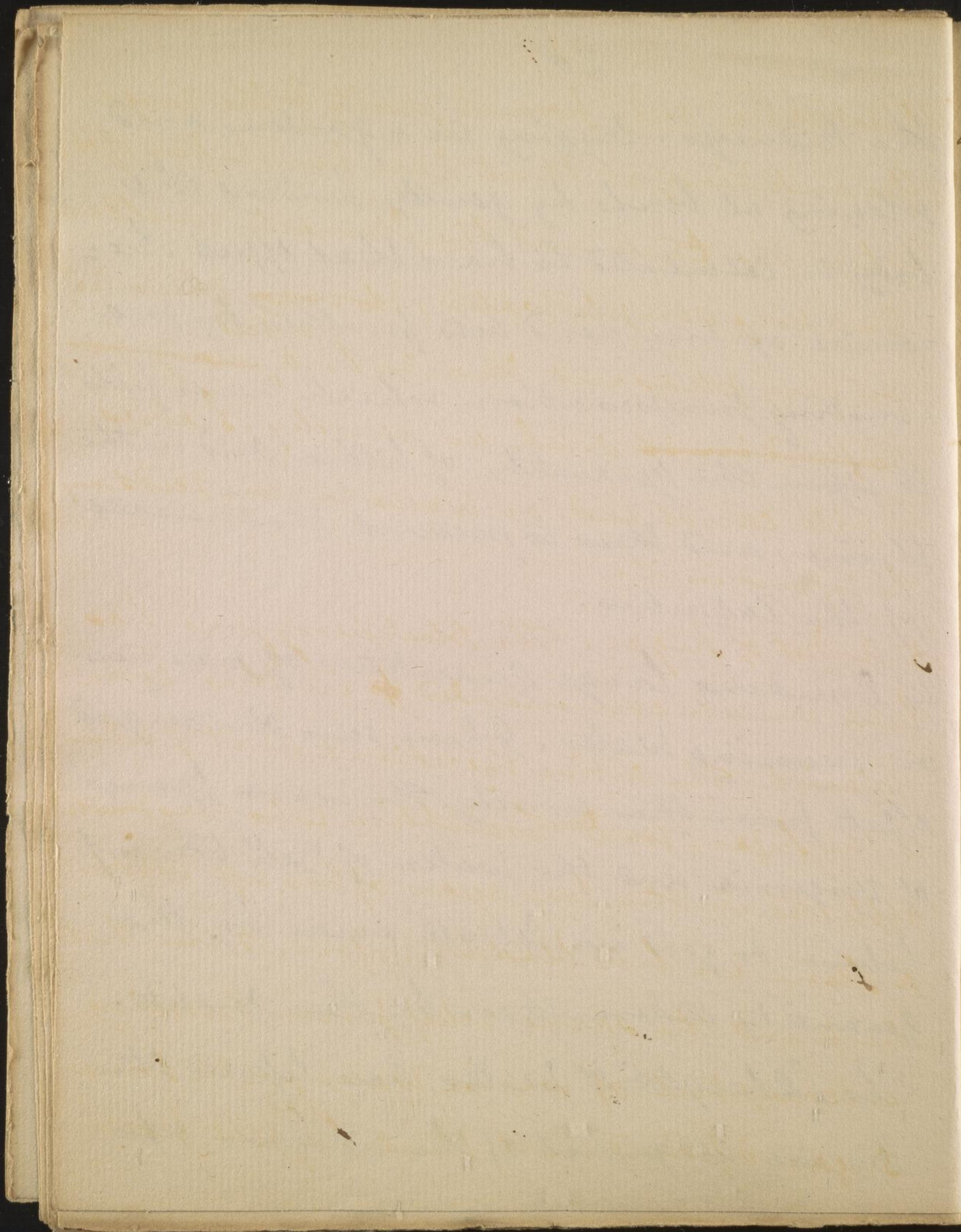


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the kidneys. Digging in a garden, and playing at bowls by gently bending the body is calculated to have that effect. Exercise of any kind acts further by promoting perspiration which never fails to open the quantity of lithic Acid in the Urine, and thus to prevent the increase of the Calculus.

4 Drinking large quantities of pure river, or running water. I have seen obvious good effects from this remedy. The warm Springs of Virginia and the waters of Ball town of Ireland do good in Calculi more by the quantity taken, than by their quality.

The Schuylkill water has cured this disease in several of the citizens of



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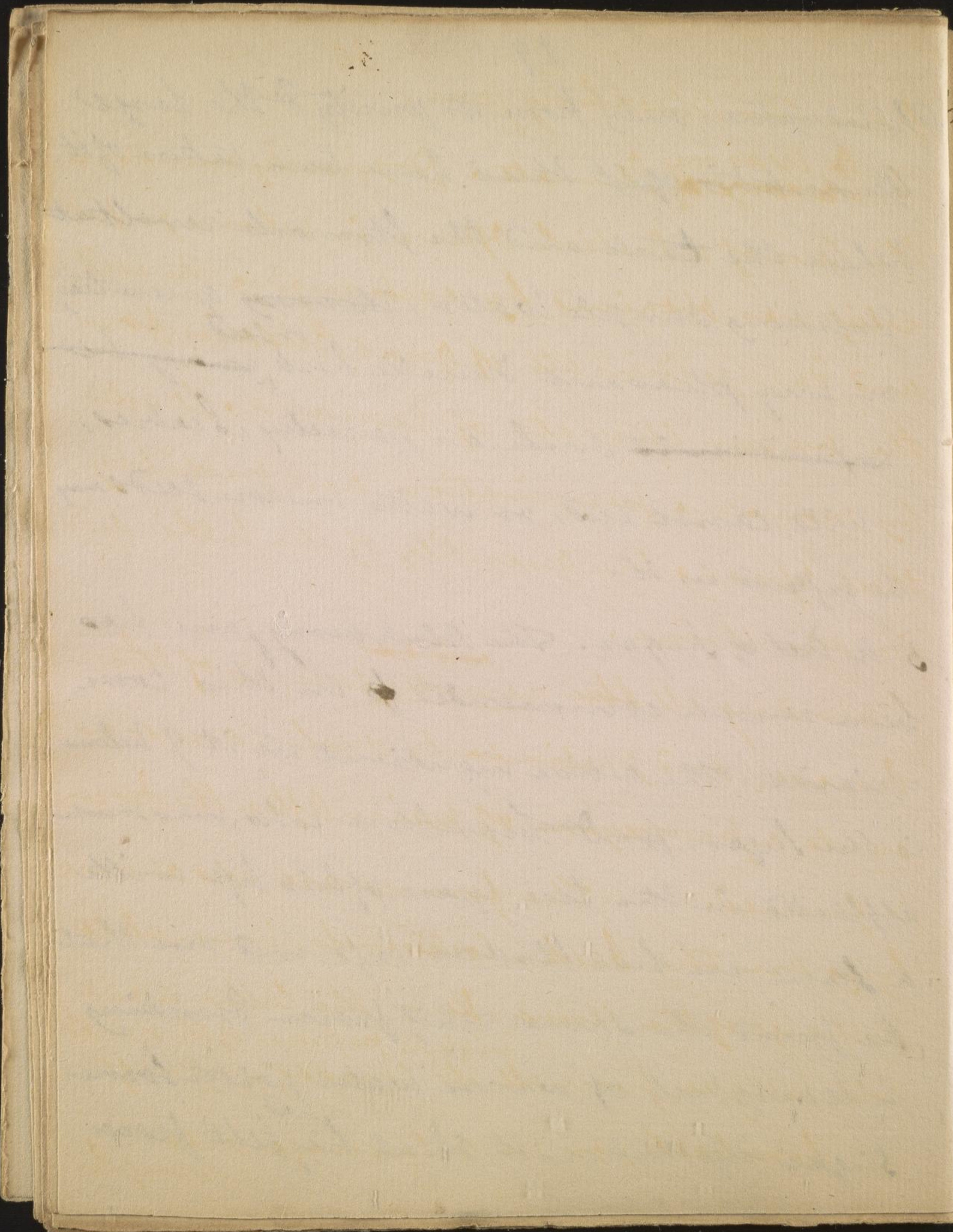
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Philadelphia, only from its purity & the large quantities of it that have been taken of it. Where the taste and the Stomach revolt at drinking simple water, its ~~own~~ ^{or seed} green tea, or any pleasant diuretic herb, ~~may be~~ ^{or seed} infused in it such as parsley, Scabious, wild carrot seed, or water melon seeds may be infused in it.

5 A Diet of Sugar. The Blackberry jam has been much commended ~~for~~ in this complaint. The active ingredient in it I believe is the Sugar, for Dr Franklin who was much afflicted in the last years of his life with a stone in his bladder informed me that he found the same relief from drinking a tumbler of warm water with some Sugar dissolved in it that he ^{had} felt from

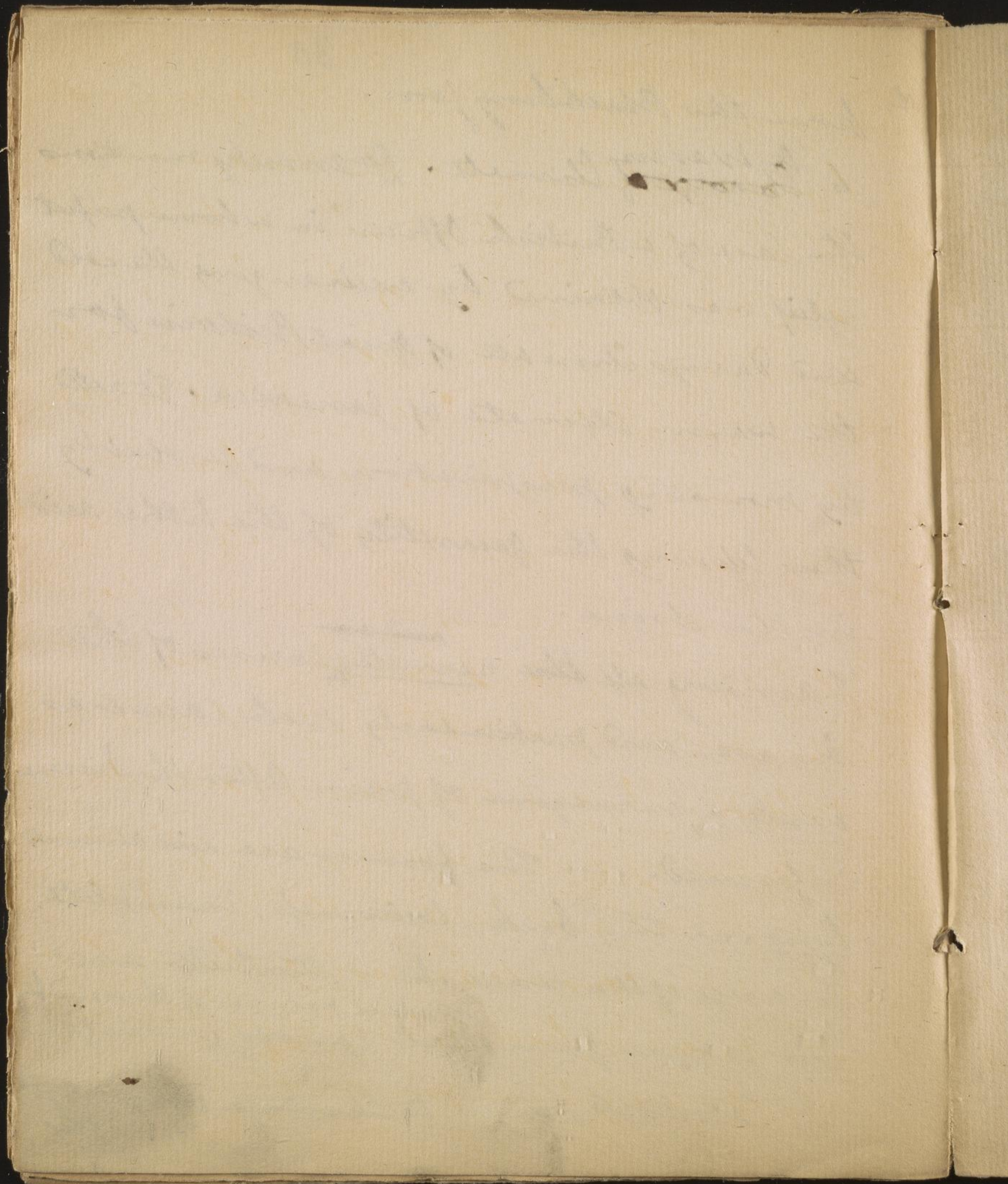


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from the Blackbury jam.

6 ~~On~~ ^{On} ~~Warren~~ Climate. Dr. Ferri mentions the case of a British Officer in whom perfect relief was obtained by exchanging the cold and Damp Climate of Great Britain for the warm Climate of Jamaica. It acted by promoting perspiration and probably thus lessening the quantity of the lithic acid in the Urine.

Avoiding all ~~the~~ ^{remote} causes of the disease, and particularly such causes as excite a paroxysm of pain After the disease is formed. — The former are air and Aliments, lying on the back, costiveness; incomplete discharge of the Urine, &c — the latter are cold, fatigue from all its causes, ^{violent passions of the mind} riding on horseback, or in a Carriage over rough



roads. The last of those exciting carriages brought a severe fit of the disease upon Dr Franklin in Paris, which led him to say when he got out of his hack, that he would never ride in such a carriage over rough stones again, until he was first satisfied the driver had a stone in his bladder as well as he himself.

By means of the remedies I have thus mentioned, I do not know that I have ever dislodged a stone in the kidneys or bladder, but I am sure I have relieved and destroyed its pain in many instances.

The great secret in the use of these Remedies consists in using them when the disease is least felt, and in persevering in the use of them for several years. —

